

Earthdata UTC Meeting 07.05.2016

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

Nelson Casiano

- **Upcoming/Ongoing Activities with Data Providers**
 - EMS Release 1.4.0 - URS Fixes in EMS
 - Includes: Retrieving Primary Study Area and Country from URS to associate with URS-enabled records. Also added a LoginType field to easily identify URS records for EMS reports
 - We are planning to move EMS 1.4.0 into Production next week
 - System Performance Improvements
 - Testing performance improvement changes in UAT. Changes include modifications to EMS to allow some processes to execute in parallel and some software enhancements to improve some of the database queries.
 - Search Expressions
 - We are seeing a lot of problems with the search expressions for some data providers. We will contact these data providers to see if we can help fix these problems.

- 1. Attendance
- 2. EMS Status
- 3. Earthdata Login
- 4. Earthdata
- 5. User Support Tool
- 6. CMR/ECHO/Earthdata Search/MMT
 - CMR/ECHO System Status
 - CMR Release Status
 - Earth Data Search Release Status
 - Metadata Management Tool Release Status
- 7. GIBS
- 8. Worldview
- 9. Open Floor
- 10. Special Topic

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3. Earthdata Login

Peter Smith

- **URS Integration Information on SSO and the API's can be found on** [Wiki](#)
- **DAAC On-boarding Status and Integration Schedule can be found on** [Wiki](#)
 - Please get in touch (Peter Smith) if you are having trouble accessing any of the Wiki areas.
- **URS4 Development**
 - Current increment P11.2
 - In Production (Release 4.50)
- [Earthdata Login public wiki](#)

Sprint Status

Sprint	Start Date	Release	UAT Date	OPS Date
P11.2	 04 Jul 2016			
P11.1	 20 Jun 2016			
2.74	 06 Jun 2016	4.51		
2.73	 23 May 2016	4.50	 09 Jun 2016  16 Jun 2016	

2.72	 09 May 2016 4.49	 26 May 2016  02 Jun 2016
2.71	 25 Apr 2016 4.48	 12 May 2016  19 May 2016
2.70	 11 Apr 2016 4.47	 28 Apr 2016  05 May 2016

Ticket Status

Ticket	Sprint
URSF0UR-670 - Error when MMT accesses URS API in UAT	2.74
URSF0UR-664 - Application image/description does not show up in pre-authorization.	
URSF0UR-655 - Include profile 'age' with user profile info.	2.73
URSF0UR-649 - Reference to 'User Registration System' in Earthdata Login GUI.	2.72
URSF0UR-643 - Provide a means for an application to require a value for user profile fields.	2.70
URSF0UR-639 - Improved error message needed.	2.68
URSF0UR-628 - Accounts locked due to too many login attempts should unlock automatically after a short time interval.	2.71
URSF0UR-623 - Create a urs page that can act as a test server for clients.	2.68

URSFOUR-615 - Improve URS GUI messages for locked accounts	2.60
URSFOUR-607 - Provide a way to easily migrate production URS users into UAT	2.60
URSFOUR-594 - Provide an ROPC implementation for URS	2.58
URSFOUR-593 - Provide a 'User Services' role within URS.	2.58
URSFOUR-590 - Some of the text is not visible for oauth/authorize and users/app_approve page after EUI changes	2.57

4. Earthdata

Nathan Clark Brett McLaughlin Mark Reese

- Continued work on Earthdata Developer Portal
 - CMR documentation
- Earthdata Service Desk enhancements
- Open Sourcing of Conduit

Key tickets in current sprint

 [EDP-40](#)

[As a user, I can read documentation on specific CMR XML schema formats.](#)

 [EDP-38](#)

[As a user, I can switch to the SIT or UAT instances of the CMR when using t...](#)

 [ED-1911](#)

[Add link to PODAAC and OBDAAC forums to Earthdata \(Earthdata Service ...](#)

 [ED-1893](#)

[add Data Profiles and Data Chats to the footer \(Earthdata Service Desk\)](#)

 [ECON-786](#)

[Images in Conduit should be uploaded to the CDN for use in front-end/client...](#)

5. User Support Tool

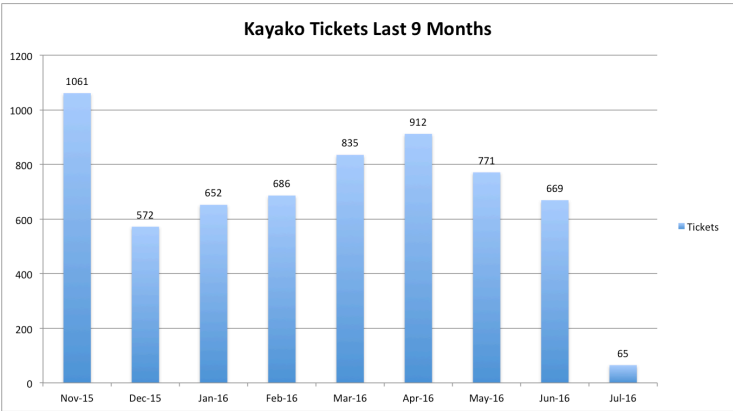
Nemanja Djuric

Activities:

Issues:

Recent Metrics

Kayako Overall Last 9 Months Tickets



Total Kayako Tickets since last UTC

	Closed	In Progress	On Hold	Open	Waiting	Waiting for DAAC	Waiting for User
ASDC	12	2		27			
ASF	7						
CDDIS				1			
ECC	16			2			
ECHO	8			2			
Earthdata	2						3

Earthdata Search	3		1		1		
FIRMS	3			2			
GCMD	5						
GES-DISC				1			
GHRC	5			1		1	
GIBS				4			
LANCE	2						
LPDAAC	32	6		3		4	
MODAPS	20			1			
NSIDC	1						
ORNL DAAC	5			1			
PO.DAAC	14	1		5			
PO.DAAC Forum	2			9			
Rapid Response	1						
Reverb	6			3			
URS	55						
UUI				1			
Worldview	5			6			
Total	204	9	1	69	1	5	3

6. CMR/ECHO/Earthdata Search/MMT

Catalino Cuadrado

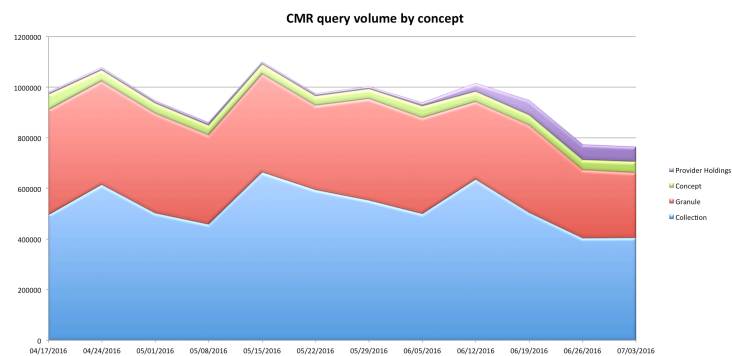
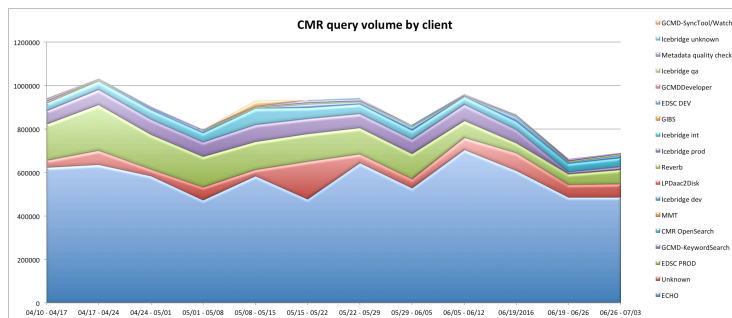
CMR/ECHO System Status

System Issues

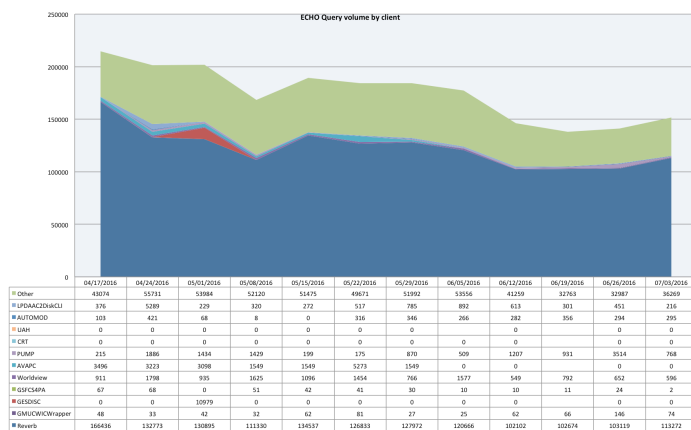
- None

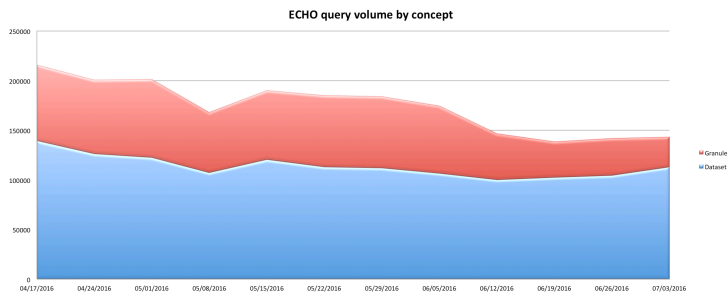
Recent Metrics

CMR client usage

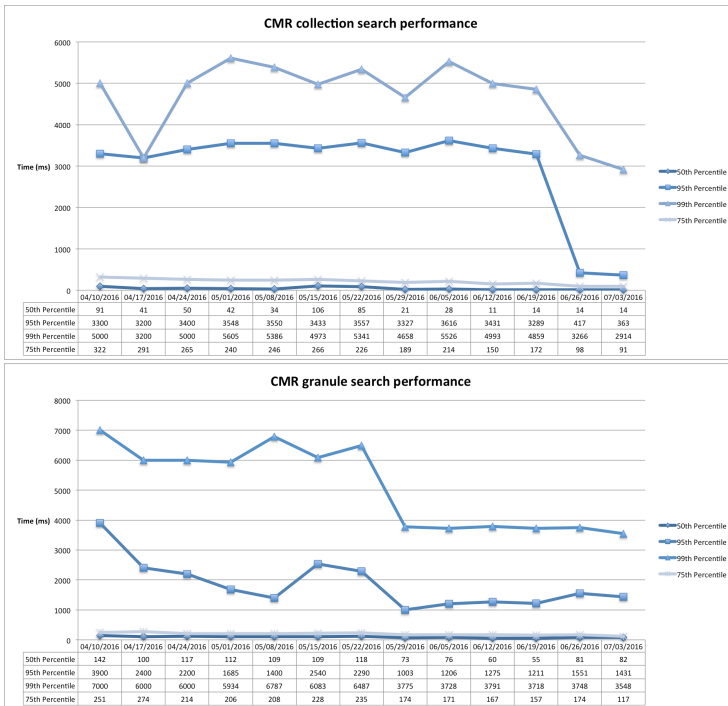


ECHO Client Usage





CMR Query Performance



CMR Release Status

In Production: 1.53

Order by	
CMR-3062	
UMM-C -> ECHO-10.TiInIdentificationSystems is not being translated to ECHO-10.TwoDCoordinateSystems	
CMR-3022	
Science Keyword error indexing in UAT	
CMR-2189	
As a client, I want facet responses to provide links to remove any applied filter when my search used the query parameter API.	
CMR-2188	
As a client, I want facet responses to include a link at each filter node that provides the search to apply to select that filter node when my search used the query parameter API.	
CMR-2187	
As a client, I want facet responses to indicate whether a given node has been applied by considering the search parameters supplied.	
CMR-2186	
As a client, I want to retrieve facets in a simple to parse tree format with group and filter nodes.	

In UAT: 1.54

CMR-3185
Failure to update indexes during index alias update
CMR-3183
As a Client User, I want to receive humanized terms within the Facets V2 response so that I can provide more relevant facets to the end user.
CMR-3179
ISO 19115-2 MENDS GranuleSpatialRepresentation ingest to UMM needs to be fixed.
CMR-3177
NSIDC SIPSMetGenVersion Additional Attribute is not being translated from ISO 19115-2 MENDS to UMM
CMR-3167
Fix UMM-C Additional Attributes Date and Time output as DateTime
CMR-3165
Apply links in V2 facets should AND multiple values instead of ORing them.
CMR-3124
As a Client User, I can search for collections by matching a value within a humanized data center using a parameter search.
CMR-3122
As a Client User, I can search for collections by matching a value within a humanized processing level using a parameter search.
CMR-3120
As a Client User, I can search for collections by matching a value within a humanized project using a parameter search.
CMR-3119
As a Client User, I can search for collections by matching a value within a humanized science keywords using a parameter search.
CMR-3118
As a Client User, I can search for collections by matching a value within a humanized instrument using a parameter search.
CMR-3117
As a Client User, I can search for collections by matching a value within a humanized platform using a parameter search.
CMR-3068
Between 15 and 20 minutes past the hour, every hour 99th and 95th percentile performance spikes
CMR-3060
Poor performance in Elasticsearch during wildcard queries with prefixes
CMR-3041
Change DIF default values to "Not provided"
CMR-2883
Move UMM Collection validation to UMM Spec Lib
CMR-2882
As a Client User, I want my collection metadata validated against the UMM-C JSON Schema to ensure that my metadata is valid UMM-C data.
CMR-2868
Searching for a UMM-1.1 Ingested document doesn't translate to UMM-1.2 when requested
CMR-2197
As a client, I want facet responses to allow for removing filters that have been applied, but resulted in 0 results found.
CMR-2191
As a client, I want facets by default to include no more than 2 levels of children nodes rather than the full hierarchy.
CMR-2189
As a client, I want facet responses to provide links to remove any applied filter when my search used the query parameter API.
CMR-2187
As a client, I want facet responses to indicate whether a given node has been applied by considering the search parameters supplied.

Earth Data Search Release Status

Key issues worked in EDSC 1.22

- Humanized facets
- Readyng EDSC for deployment into NGAP

In Production: 1.21

Order by
EDSC-1080
Searching with "ASTER" returns internal error
EDSC-1075
500 Error when Accessing Download Links for MOD11A2
EDSC-1070
Integrate AST_L1T test granule imagery into Earthdata Search
EDSC-1030
Earthdata Search - granule wildcard search option appears not to work (Earthdata Search)
EDSC-770
As a user, I should be able to constrain my search by entering point coordinates so I may filter by known numeric coordinates
EDSC-384
As a user, I should be able to constrain my search by entering bounding box coordinates so I may filter by known numeric coordinates

In UAT: 1.22

Order by ▾
<div> <div>EDSC-1116</div> <div>Action buttons on granule/collection list partially covers "# granules" and short_name when it is long enough</div> </div>
<div> <div>EDSC-1085</div> <div>As a user, I want to see the deployment version of Earthdata Search in its cloud-deployed environments so I may know what version of the software is running</div> </div>
<div> <div>EDSC-1075</div> <div>500 Error when Accessing Download Links for MOD11A2</div> </div>

Metadata Management Tool Release Status

In Ops: 1.27

Order by ▾
<div> <div>MMT-654</div> <div>500 error when I click on 'Groups' on the Manage CMR page</div> </div>
<div> <div>MMT-650</div> <div>Add confirmation to Delete Order Policies button</div> </div>
<div> <div>MMT-630</div> <div>Publication confirmation emails not delivered via some mail servers</div> </div>
<div> <div>MMT-627</div> <div>MMT displays more than user id when logged in</div> </div>
<div> <div>MMT-622</div> <div>Preview page header doesn't gracefully handle non-picklist values</div> </div>
<div> <div>MMT-621</div> <div>Add short name and version ID to email receipt</div> </div>
<div> <div>MMT-605</div> <div>As a Provider, I want to view a summary list of my provider orders.</div> </div>
<div> <div>MMT-584</div> <div>As a Provider, I want to remove the assignment of a data quality summary from one or more collections.</div> </div>
<div> <div>MMT-563</div> <div>As a Provider, I want to update an existing data quality summary.</div> </div>
<div> <div>MMT-555</div> <div>As a user, I should see a validation message when an existing metadata value does not match a dropdown option</div> </div>
<div> <div>MMT-136</div> <div>As a Provider, I want to search for a provider order by specifying its order id.</div> </div>
<div> <div>MMT-134</div> <div>As a CMR Administrator, I want to deactivate the Secure Socket Layer (SSL) certificate for a Provider.</div> </div>
<div> <div>MMT-133</div> <div>As a CMR Administrator, I want to set the Secure Socket Layer (SSL) certificate for a Provider.</div> </div>

Because of the PI planning, MMT work has been suspended starting with Sprint 28 so no new deployments to UAT at this time.

Upcoming PMs

7-06-2016

- CMR 1.53 to PROD, 1.54 to UAT
- MMT 1.27 to PROD
- EDSC 1.21 to PROD, 1.22 to UAT
- ECHO 10.125 to OPS, 10.126 to UAT

7-20-2016

- CMR 1.54 to PROD, 1.55 to UAT
- EDSC 1.22 to PROD, 1.23 to UAT
- ECHO 10.126 to OPS, 10.127 to PT
- No MMT deployment.

7. GIBS

Matthew Cechini

- **General Items**
 - UAT Test Environment - Finishing testing of updated code & configuration updates this week. Imagery review will now be performed in this environment starting this week.
 - ICD Revision 2 - CCR has been initiated. Reviewing final artifacts for release before the next UTC.
- **New/Planned Products**
 - Landsat WELD
 - Ongoing processing of full resolution True Color and NDVI imagery. (Completed 2009. Beginning 2010)
 - MODIS Collection 6 - Atmosphere & Land Reprocessing
 - Atmosphere STD Reprocessing - 2016-2006 Completed. Processing 2004-2003. Projecting completion this month!
 - Atmosphere NRT Forward Processing - Completed initial testing in SIT. Pending formal testing in July.
 - Land L2 - Preparing "is everything still working" month test before full reprocessing begins in the next month.
 - Land L3 - Coordinating with MODAPS on first phase of sample imagery
 - Non-BEDI Imagery Products
 - Testing colormap/delivery updates to OMI AOD NRT products
 - Testing colormap/delivery updates to GPM STD and new GPM/IMERT NRT products
 - Testing delivery of new MISR-NRT high-res products
 - Pending testing for AMSR2 Land NRT products
 - BEDI Activities - Actively working towards operationalization of the following products:
 - OMI/AIRS/MERRA/LDAS - GESDISC
 - Awaiting historical reprocessing of OMI
 - Coordinating AIRs/MERRA/LDAS colormaps
 - RSS/LIS - GHRC
 - Performing historical reprocessing
 - MOPITT/CERES/MISR - ASDC
 - Performing historical reprocessing
 - ASTER L1T - LPDAAC
 - Coordinating granule access with EDSC.
 - Aquarius/MEaSURES/SSM/I - NSIDC
 - Reviewing historical processing with DAAC.
 - Will be released to production after review.
 - Aquarius/MODIS PODAAC
 - Coordinating colormaps prior to initial ingest testing

Alex De Luca Jerome King

- **GIBS Production Status**
- No major issues in production
- Minor issues:
 - One user has reported a potential issue with GIBS/Worldview with Windows 10.
- Completed:
 - Back processing Orbit Tracks: ISS, Terra, Aqua, Aura, CALIPSO, GOSAT, Suomi NPP, GCOM-W1, Landsat 8, GPM
- In progress:
 - Image download: layer order is not always correct causes issues in Google Earth.
 - Legacy release with major updates to all legacy scripts:
 - Update WMS/HTTP/SIPS handlers to support partial update
 - Update Hybrid FTP handler to perform in-place updates
 - Adding product name to all sigevent messages.

8. Worldview

Taylor Gunnoe

- Releases
 - Worldview 1.1, released June 22
 - Worldview 1.2 "Natural Events" waiting for testing
- Rotation of polar views waiting for testing
- Higher resolution Openstreetmap layer updates
- Initial UI work for a feature to show the data value under the cursor
- Documenting more of Worldview for JSDoc
- Additional research for a better template system

9. Open Floor

CMR Granule Pattern Search Changes

10. Special Topic

pyCMR - Manil Maskey